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(54) Title: COMPOSITIONS AND METHODS FOR CONTROL OF BOVINE MASTITIS

(57) **Abstract:** Bovine mastitis is prevented or controlled by treating at least teats of the animal with an effective antimicrobial amount of A) an aqueous microbiocidal solution of one or more active halogen species, which solution is a derivative product in an aqueous medium of (i) bromine, chlorine, and bromine chloride, or any two or all three thereof, and (ii) a watersoluble source of sulfamate anion; or B) an aqueous microbiocidal solution of one or more active halogen species, which solution is a derivative product in an aqueous medium of at least one 1,3-dihalo-5,5-dialkylhydantoin in which one of the halogen atoms is a bromine atom and the other halogen atom is a chlorine or bromine atom, and in which when both halogen atoms are bromine atoms, one of the alkyl groups is a methyl group and the other alkyl group contains in the range of 1 to about 4 carbon atoms, and when one of the halogen atoms is a bromine atom and the other halogen atom is a chlorine atom, the alkyl groups, independently, each contain in the range of 1 to about 4 carbon atoms; or C) an aqueous microbiocidal solution of A) and an aqueous microbiocidal solution of B).